



## Sunnyvale Department of Public Safety

### FIRE PREVENTION UNIT



## **FIREFIGHTER'S AIR SYSTEM** **- 'Rescue Air' Requirements -**

### **General Requirements:**

- Mobile connection, qty. one – safe distance from the building
- Onsite air supply via 'H' tank and supply system with booster pump and emergency power supply
- Onsite air supply fill rate – 3 minutes
- Fill stations above grade - Generally on floors 3,6,9,12, etc.
- Fill stations below grade – Generally not needed
- Fill station locations: Vestibule or room within close proximity to the stairwell
- Fill station number: In one stairwell or in larger buildings in 2 stairwells?
- Onsite air supply – rated room with firefighter access

*Rescue 2 – 4 'H' tanks = 1776 cubic feet = approx. 50 bottles*

### **16.52.230. Sunnyvale Municipal Code - Fire fighter's air systems.**

California Fire Code Section 512 is hereby amended by adding the following provision:

**"512.1 Fire fighter's air systems.** Approved fire fighters breathing air refill systems shall be installed when any building has six (6) or more floors used for human occupancy above the lowest floor level having building access. This system shall provide an adequate pressurized fresh air supply for filling breathing air bottles carried by fire suppression, rescue, and other personnel in the performance of their duties. Mobile refill stations will generally be located away from the building. Interior refill stations will generally be located inside vestibules or rooms within close proximity to a stairway enclosure or as approved."